

Receiving Report

Date: 9/7/10

Batch No: M112187

Supplier: MA/Mon

Dart P/O: 130029

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No N/A
 Shipment Complete: Yes No N/A
 QC6 Inspection N/A
 Work Order N/A
010210 N/A
010210 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 LL

Production/Admin:

Date 09/07/13

Received/Costing RCP 10029

Initial CG

Location

Marmon / Keystone Canada Inc.



290 Chemin du Tremblay Boucherville, QC J4B 5K9 TEL (514) 527 9153 FAX (450) 641 4357

SOLD TO: VENDU À:
DART AEROSPACE LTD
1270 ABERDEEN STREET

RECEIVED

JUL 14 2009

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO: EXPÉDIER À:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

INVOICE
FACTURE
400702

INVOICE DATE
DATE DE FACTUR
7/09/09
PAGE : 1

SHIP VIA / EXPÉDIÉ PAR EPIC		F.O.B. / F.A.B. BOUCHERVILLE	G.S.T. / T.P.S. R137204947 Q.S.T. / T.V.Q. 1016343044 TQ0001 LE		
YOUR ORDER NO. / VOTRE N° DE COMMANDE 10029		SALESMAN / VENDEUR GHI	MARMON / KEYSTONE # 1078342		
			PROVINCIAL TAX NO. 6122-5207		
			N° TAXE PROVINCIALE		
ORDERED / COMMANDEE	DESCRIPTION	SHIPPED / EXPÉDIÉE	UNIT PRICE / PRIX UNITAIRE	AMOUNT / MONTANT	
300 FT	STAINLESS STEEL SEAMLESS TUBE ANNEALED AND PICKLED A213/SA213 A.W. 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Cust. part#: : M304TR0.750W.049	QUANTITY / QUANTITÉ 300 FT 110 LBS 15 Pieces	2.250 /FT	675.00	
300 FT	STAINLESS STEEL SEAMLESS TUBE A213/SA213 A.W. POLISHED SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Cust. part#: : M304TR0.500W.035	300 FT 52 LBS 15 Pieces	1.280 /FT	384.00	
	Energy Surcharge			12.20	
ORIGINAL INVOICE / FACTURE ORIGINALE					

TERMS: NET 30 DAYS
PLUS 2% PER MONTH ON
ALL OVERDUE ACCOUNTS.

TERMES: NET 30 JOURS
PLUS 2% PAR MOIS
SUR COMPTE PASSÉ DÜ.

FOR CONDITIONS OF SALE REFER TO BACK OF INVOICE.
POUR LES CONDITIONS DE VENTE, VOUS TROUVEREZ LES
RENSEIGNEMENTS À L'ENDOS DE LA FACTURE ORIGINALE.

G.S.T. /HST T.P.S.	53.56
PROVINCIAL TAX TAXE PROVINCIALE	.00

PAYMENT OF THIS INVOICE IS DUE BY
LE RÈGLEMENT DE CETTE FACTURE EST EXIGIBLE AU PLUS TARD LE

08/10/2009

1.124.76

Purchase Order Receipt Listing

July 13, 2009 8:47:49 AM

Page 1 of 1

All Vendors PO ID PO10029 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Reference (Item, WO, GL)

All amounts are calculated in domestic currency.

Purchase Order ID	Line Nbr/ Insp Req	Project ID	Vendor ID/ Name/ Currency Type	PO U/M / Stock U/M	Req Date	Req Qty	Recv Date/ Recv Emp	Recv Qty	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty	MRB Qty/ MRB Reject Qty	Book Amt
Reference: \Description												
PO10029	2		VC-MAR001	f	7/08/09	300.0000	7/13/09	300.0000	\$1.28	0.0000	0	\$384.00
	No		Marmon/Keystone Canada Ltd.	f			LAV001		\$384.00	0.0000	0	

Total Received Quantity:	300.0000
Total Quantity to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$384.00
Total Balance Due Quantity:	0.0000

Reference: \Description		M304TR0.750W. 304 RD Tube		112187
		049	.750 x .049W	
1	VC-MAR001	f	7/08/09	300.0000
No	Marmon/Keystone	f		L
	Canada Ltd.			
	CAD			

Total Received Quantity:	600.0000
Total Quantity to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$675.00
Total Balance Due Quantity:	0.0000

Marmon/Keystone Canada Inc.

Specialty Steels

PACKING SLIP

290 Chemin du Tremblay
 Boucherville QU CAN J4B 5X9
 TEL. 514/527-9153
 FAX. 450/641-4357

PAGE...: 1
 Order : 1078342
 Date...: 07/09/2009

SOLD TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

<u>SHIP VIA</u> EPIC		<u>F.O.B.</u> BOUCHERVILLE	<u>SALESPERSON</u> G. Dulude	<u>YOUR ORDER NO.</u> 10029
Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
01	<p>Fax all papers to Linda Lacelle 613-632-1053 Mill tests required with all shipment</p> <p>STAINLESS STEEL SEAMLESS TUBE 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Tariff Number: 7304. Cust. part#: M304TR0.750W.049</p> <p>HT#.....: TG080015 Total... rev:08/08</p>			
02	<p>STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304. Cust. part#: M304TR0.500W.035</p> <p>HT#.....: 872-2783 Total... 15/15</p>	15	300/FT 300/FT	IN

No. of Bdls/Pieces

1 / 0

Total Weight.....: 162

Customers.: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10029**

Purchase Order Date 7/08/09

PO Print Date 7/08/09

Page Number 1 of 1

Order From :

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

VC-MAR001

FAXED
7/08/09

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	6122-5207
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
		Vendor Part Number					
1	M304TR0.750W.049	304 RD Tube .750 x .049W	7/08/09 Yes	✓ 300.00 f	Epic collect	\$2.2500	\$675.00

Special Inst: MATERIAL: AISI 304/316 SS EAMLESS
ROUND TUBING
AS PER ASTM OR ASME SA213 OR
ASTM A269

2	M304TR0.500W.035	304 RD Tube .500 x .035W	7/08/09 Yes	✓ 300.00 f	Epic collect	\$1.2800	\$384.00
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Special Inst: AS ABOVE

7/08/09 PO Total: \$1,059.00

**MATERIAL CERTIFICATION
REQ'D UPON DELIVERY**

CL *U*
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 7/08/09



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

ZHONG GANG, NAN HUI, SHANGHAI CHINA ZIP CODE: 201302

MILL TEST CERTIFICATE

ISO9001:2000 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2009/4/26

CUSTOMER: MARMON/KEYSTONE CANADA INC..				CERTIFICATE NO.: 2009-3-4-A-7				
P.O.NO.: MN6218				ORDER NO.: 2009-3-004-A				
COMMODITY: STAINLESS STEEL SEAMLESS TUBING.				GRADE: ASTM A213-07 TP304/TP304L				
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END.				HEAT NO.: TG080015				
CHEMICAL CONTENTS (WT%)				08/07/10				
ELEMENTS	C	Mn	P	S	Si	Ni	Cr	
SPECIFICATION	<0.035	<2.00	<0.040	<0.030	<0.75	8.0~13.0	18.0~20.0	
RESULTS (LADLE)	0.021	0.95	0.038	0.002	0.44	8.08	18.14	

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	T S (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)										
0.750	0.049	20	P09-3-61	50	168	385	640	69.0	OK	OK	75	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213/ASME SA213-07
 WALL THICKNESS TOLERANCE AS PER ASTM A269-07
 IN COMPLIANCE TO NACE MR0175-2003
 IC TEST TO ASTM A262 PRACTICE E
 SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min
 NO WELD REPAIR WAS PERFORMED
 FREE FROM MERCURY CONTAMINATION
 COUNTRY OF ORIGIN: CHINA
 MILL TEST CERTIFICATE TO EN 10204/3.1
 INVOICE NO: YK-09-04-37

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT

2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

Dingweijie

MANAGER OF QUALITY ASSURANCE DEPARTMENT

Q.C. Reviewed
06/16/09

SIS - 150 - UNI - EUD - x - GRCUD - x - LUD99 / * MN928 * 9/23/2009

検査成績表

(MILL CERTIFICATE)

需要家:

(CUSTOMER) MARMON/KEYSTONE CANADA

注文者: 三京物産株式会社殿

(SUPPLIER) (SANKYO&CO., LTD.)

品名:

(COMMODITY) SEAMLESS STAINLESS STEEL COLD DRAWN TUBE (NO.115 MEIGUI STREET, SUJIATUN DISTRICT, SHENYANG, P.R.CHINA) (CUSTOMER ORDER NO.)

ASTM/ASME A269/A213/SA213 (A.W.) TP304/304L

契約番号: S91CA40-B

(CONTRACT NO.)

三京不銹鋼管(沈陽)有限公司

SANKYO STAINLESS TUBE(SHEN YANG) CO., LTD.

中国・瀋陽市蘇家屯区玖瑰街115号

発行日: 2009.03.02

(DATE OF ISSUE)

証明書番号: 09-0177

(CERTIFICATE NO.)

需要家管理番号: P.O.# MN 6115

寸法: 0.500" OD × 0.035" WT × 20' LG
(SIZE)

S91CA40 CASE NO. : 05

製作番号 (Mfg. No.) (三京)	ロット番号 (Lot No.)	製造番号 (Mfg. No.) (KST)	製鋼番号 (Heat No.) (KST)	数量(Quantity)			引張試験(Tension Test)			硬さ試験 (Hardness Test) HRB	結晶粒度 (Grain Size)	へん平試験 (Flattening)	GOOD	
				本数 (No. of Pcs.)	重量 (Mass) kg	延長 (Total Lengths) m	0.2%耐力 (0.2% Y. S.) MPa	引張り強さ (T. S.) MPa	伸び (E) (%)					
(SANKYO)	指定単位(Unit Designated)			本数(Pcs.)	kg	m	MPa	MPa	(%)					
	規格 (Specification)			量小(Min)			170	485	35				押し広げ試験 (Flaring)	GOOD
				最大(Max)										
09-02-007	01		872-2783	143	229		300 290	605 600	58.8 61.1	71.3 72.0			外観寸法試験 (Measurement&surface)	GOOD
													渦流探傷試験 (Eddy Current)	GOOD
				TOTAL	143	229							検鏡試験 (Microscopic)	—
													硫酸銅腐蝕試験 (Intergranular Corrosion Test) ASTM A262 PRACTICE E	GOOD
													備考(Remarks)	
													SOLUTION HEAT TREATMENT: 1100°C × 2.32Min/W.Q EN-10204-3.1 NACE MR-0175	

上記注文品は、御指定の規格又は仕様に従って製造されその要求事項を満足していることを証明します。
(IT IS HEREWITNESS CERTIFIED THAT THE ABOVE MATERIALS ARE SATISFACTORY IN COMPLIANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONTRACT.)

総工場長 Shojoji
(MANAGER OF QUALITY SYSTEM SECTION)

Q.C. Reviewed
AS04/30/09

Marmon/Keystone Canada Inc.

290 Chemin du Tremblay Boucherville QU CAN J4B 5X9

Tel -514-527-9153 232 Wats 1-800-361-8142 FAX -450-641-4357

E-mail: gdulude@mkcdn.com

PAGE.: 1

Date.: 7/08/09

Quotation number.: 1-524622

QUOTATION**ATTN.: CHANTAL LAVOIE****Sold To:**

DART AEROSPACE LTD

1270 ABERDEEN STREET

Territory: 16A

Telephone: 613 632 9577

Fax.....: 613 632 1053

HAWKESBURY

ON CAN K6A 1K7

HAWKESBURY

ON CAN K6A 1K7

Ship Via

EPIC

F.O.B

BOUCHERVILLE

Salesperson**Your Reference No.**

G. Dulude

Terms

Pricing and delivery are based on the complete bill of Material. Change to quantities or delivery may require a revised quotation. Pricing and delivery, as quoted, are based on conditions prevailing at the time of quotation and are subject to review at time of order. Permissible variation in shipping quantities will be to the seller's standard practice. Orders resulting from quotation are subject to our credit approval. The Customer is to supply a written non-cancellable order to accept this quotation.

We thank you for your inquiry and take pleasure in quoting on your requirements as follows:

Quantity	Description			Days ARO	Pricing
Line - 1 300 FT	STAINLESS STEEL SEAMLESS TUBE ANNEALED AND PICKLED A213/SA213 A.W. STS .750 .049 stock	F304L		1	2.250/FT 675.00
Line - 2 300 FT	STAINLESS STEEL SEAMLESS TUBE A213/SA213 A.W. POLISHED STS .500 .035 stock	304L		1	1.280/FT 384.00
Energy Surcharge					12.20
All applicable taxes Extra. Duty					Total amount.: 1,071.20
All prices quoted in Canadian Dollars unless otherwise stated.					Total weight...: 162.3 lbs



S/0 1078342

c/o 07/09
PURCHASE ORDER

Purchase Order ID PO10029

Purchase Order Date 7/08/09

PO Print Date 7/08/09

Page Number 1 of 1

Order From : MARMON/KEYSTONE CANADA LTD. 290 CHEMIN DU TREMBLAY BOUCHERVILLE, QC J4B 5X9 CA		VC-MAR001					
Contact Name Vendor Phone 800 361 8142 Vendor Fax 450 641 4357 Vendor Account Nbr		Buyer Chantal Lavoie Requisition Nbr Tax Resale Nbr 6122-5207 Terms Net 30 Currency CAD FOB					
Ship To : DART AEROSPACE LTD		1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA					
Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TR0.750W.049	304 RD Tube .750 x .049W	7/08/09 Yes	300.00 f	Epic collect	\$2.3500	\$675.00
		Special Inst:	MATERIAL: AISI 304/316 SS EAMLESS ROUND TUBING AS PER ASTM OR ASME SA213 OR ASTM A269				
2	M304TR0.500W.035	304 RD Tube .500 x .035W	7/08/09 Yes	300.00 f	Epic collect	\$1.2800	\$384.00
		Special Inst:	AS ABOVE				
					PO Total:	\$1,059.00	
MATERIAL CERTIFICATION REQ'D UPON DELIVERY		<i>Yuci!</i> <i>Chifaire 7/08</i>					
Change Nbr: 1		<i>cL</i> <i>u</i> No substitution or deviation without consent. Certificate of Conformity or Material Certification required when applicable					
Change Date: 7/08/09							

Marmon/Keystone Canada Inc.



Aciers Spécialisés

290, Chemin du Tremblay
Boucherville QC J4B 5X9

Téléphone : 514-527-9153
Téléc./Fax : 450-641-2153
www.marmonkeystone.com

TÉLÉCOPIE / FACSIMILE

Date: 07/09/2009

Destinataire/TO: Linda Lacelle

Téléc. 613-632-1053
FAX #: 613-632-1053

Expéditeur/FROM: Aline Simard

Confidentialité:

L'INFORMATION CONTENUE DANS CE MESSAGE EST CONFIDENTIELLE. ELLE EST RÉSERVÉE AU SEUL USAGE DU DESTINATAIRE NOMMÉ CI-DESSUS. Toute lecture, copie ou divulgation du contenu de ce message par toute autre personne que le destinataire est strictement défendue. Si vous avez reçu la communication par erreur, veuillez nous en informer immédiatement. Nous vous remercions de votre collaboration.

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Nous transmettons un total de _____ page(s), incluant la page couverture.
Si vous ne recevez pas toutes les pages, veuillez nous contacter immédiatement.

*We are transmitting a total number of _____ pages, including this cover sheet.
If you do not receive all pages, please contact us immediately.*

MESSAGE :

*Packing Slip & Mfg's
#10029/1078342*

Marmon/Keystone Canada Inc.



PAGE: 1
290 Chemin du Tremblay Boucherville J4B 5X9
TEL (514) 527 9153 FAX (450) 641 4357

Shipping date.....: 07/09/2009
Name of Carrier....: EPIC
F.O.B.....: BOUCHERVILLE

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING-EXPRESS SHIPPING CONTRACT ADOPTED BY RAIL FREIGHT AND EXPRESS CARRIERS SUBJECT TO THE JURISDICTION OF THE CANADIAN TRANSPORT COMMISSION
ISSUED AT SHIPPER'S REQUEST.

It is mutually agreed, as to each carrier of all or any of said goods over all or any portion of said route to destination, and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subjected to all the terms and conditions (which are hereby incorporated by reference and have the same force and effect as if the same were fully and specifically set forth herein).

1. approved by the board of transport commission for Canada by General Order No. T-5, dated February 1, 1965 set forth in the Canadian freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by rail carrier; or
2. of the bill of lading form prescribed by the regulations adopted by the order-in-council #546-79 dated April 4, 1979
3. of the bill of lading form prescribed by the regulations adopted by the order-in-council #546-79 dated April 4, 1979
4. of the Shipping Contract approved by the Board of Transport Commission for Canada by General Order No. 643 dated September 18, 1967 and set forth in Express Traffic Association Tariff 161 in effect on the date hereof, when said goods are carried by an express carrier subject to the jurisdiction of the said Board; and which are agreed to by the shipper and accepted for himself and his assigns.

Consigned to:

DART AEROSPACE LTD
1270 ABERDEEN STREET

Telephone.....: 613 632 5200

HAWKESBURY ON CAN K6A 1K7

Customer order.: 10029

Description of shipment and special marks	Weight	PCN	If charges are to be prepaid write or stamp here:
Fax all papers to Linda Lacelle 613-632-1053 Mill tests required with all shipment			Collect
	rev:08/08		
01-STAINLESS STEEL SEAMLESS TUBE 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L 07/09/2009 300 FT Cust. part#: M304TR0.750W.049 Rev: S6 HT#:T3080015	110.1	15	Received \$ _____ To be applied in prepayment of the charges on the property described herein.
02-STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L 07/09/2009 300 FT Cust. part#: M304TR0.500W.035 Rev: S6 HT#:872-2783	52.2	15	Agent or Cashier. Per. For carrier's use Advance and or beyond \$ _____ Misc. \$ _____ Suppl. Piece \$ _____ Suppl. Value \$ _____ Total \$ _____
Shipper show amount of C.O.D.			
	C	Amount \$ _____	
	O	Fee \$ _____	
	D	Total \$ _____	
Bdls/Pieces 1 + 0 = 1	Number of extra large pieces.	Total weight 162 LB	Valuation
Dimensions	Where required by tariff shipper must complete the following. Total cubic feet	Dimensional weight	Order number 1078342
Shipper	Transport	Customer	

Marmon/Keystone Canada Inc.

Specialty Steels

PACKING SLIP

 290 Chemin du Tremblay
 Boucherville QU CAN J4B 5X9
 TEL. 514/527-9153
 FAX. 450/641-4357

 PAGE .. : 1
 Order : 1078342
 Date .. : 07/09/2009
SOLD TO:
 DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY ON CAN K6A 1K7
SHIPPED TO:
 DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY ON CAN K6A 1K7

SHIP VIA		F.O.B.	SALESPERSON	YOUR ORDER NO.		
Ordered	Description		G. Dulude	10029		
	Fax all papers to Linda Lacelle 613-632-1053 Mill-teste-required-with-all-shipment			Number Pieces	Quantity Shipped	
01	300 /FT	STAINLESS STEEL SEAMLESS TUBE 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Tariff Number: 7304. Cust. part#: M304TR0.750W.049 HT#.....: TG080015 Total...	rev:08/08	15 15	300/FT 300/FT	IN
02	300 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304. Cust. part#: M304TR0.500W.035 HT#.....: 872-2783 Total...		15 15	300/FT 300/FT	IN

No. of Bds/Pieces

1 / 0

Total Weight.....:

162

Customers.: _____



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

ZHONG GANG, NAN HUI, SHANGHAI CHINA ZIP CODE:201302

MILL TEST CERTIFICATE

ISO9001:2000 ;PED Material CERTIFICATE (No.:QAC0021058/A)

DATE OF ISSUE:2009/4/26

CUSTOMER: MARMON/KEYSTONE CANADA INC.. P.O.NO.: MN6218								CERTIFICATE NO.: 2009-3-4-A-7 ORDER NO.: 2009-3-004-A				
COMMODITY: STAINLESS STEEL SEAMLESS TUBING								GRADE: ASTM A213-07 TP304/TP304L				
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END.								HEAT NO.: TG080015				
CHEMICAL CONTENTS (WT%)												
ELEMENTS	C	Mn	P	S	Si	Ni	Cr					
SPECIFICATION	< 0.035	< 2.00	< 0.040	< 0.030	< 0.75	8.0~13.0	18.0~20.0					
RESULTS (LADLE)	0.021	0.95	0.038	0.002	0.44	8.08	18.14					
PHYSICAL PROPERTIES												
Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥ 205	T S (Mpa) ≥ 515	EL (%) ≥ 35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤ 80	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)										
0.750	0.049	20	P09-3-61	50	168	385	640	69.0	OK	OK	75	OK (DRILLED HOLE)
REMARKS: AS PER ASTM A213/ASME SA213-07 WALL THICKNESS TOLERANCE AS PER ASTM A269-07 IN COMPLIANCE TO NACE MR0175-2003 IC TEST TO ASTM A262 PRACTICE E SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA MILL TEST CERTIFICATE TO EN 10204/3.1 INVOICE NO: YK-09-04-37								1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.				
								SHANGHAI CRYSTAL PALACE PIPE CO., LTD <i>Dingweijie</i> MANAGER OF QUALITY ASSURANCE DEPARTMENT				

検査成績表

(MILL CERTIFICATE)

需要家:

(CUSTOMER) MARMON/KEYSTONE CANADA

注文者: 三京物産株式会社

(SUPPLIER) (SANKYO&CO., LTD.)

品名:

(COMMODITY) SEAMLESS STAINLESS STEEL COLD DRAWN TUBE
ASTM/ASME A269/A213/SA213 (A.W.) TP304/304L

契約番号: S91CA40-B

(CONTRACT NO.)

三京不銹鋼管(沈陽)有限公司
SANKYO STAINLESS TUBE(SHEN YANG) CO., LTD.

中国・瀋陽市蘇家屯区玫瑰街115号

発行日: 2009.03.02

(DATE OF ISSUE)

証明書番号: 09-0177

(CERTIFICATE NO.)

需要家管理番号: P.O.# MN 6115
(CUSTOMER ORDER NO.)寸法: 0.500" OD × 0.035" WT × 20' LG
(SIZE)

CASE NO.: 05

製造番号 (Mfg. No.) (三京) (SANKYO)	ロット番号 (Lot No.)	製造番号 (Mfg. No.) (KST)	製造番号 (Mfg. No.) (KST)	数量(Quantity)			引張試験(Tension Test)			硬さ試験 (Hardness Test) HRB	結晶粒度 (Grain Size)	へん平試験 (Flattening)	GOOD	
				本数 (No. of Pcs.)	重量 (Mass)	通長 (Total Length)	0.2%耐力 (0.2% Y.S.)	引張り強さ (T.S.)	伸び (E.)					
				本(No.)	kg	m	MPa	MPa	(%)					
09-02-007	01		872-2783	143	229		300 290	605 600	58.8 61.1	71.3 72.0			押し広げ試験 (Flaring)	GOOD
				最小(Min.)			170	485	35				外観寸法試験 (Measurement & Surface)	GOOD
				最大(Max.)									渦流探査試験 (Eddy Current)	GOOD
				TOTAL	143	229							検鏡試験 (Microscopic)	—
													隔壁構造試験 (Intergranular Corrosion Test) ASTM A262 PRACTICE E	GOOD
													備考(Remarks)	
													SOLUTION HEAT TREATMENT: 1100°C × 2.32Min/W.Q EN-10204-3.1 NACE MR-0175	

上記注文品は、御指定の規格又は仕様に従って製造されその要求事項を満足していることを証明します。
(IT IS HEREWITNESS CERTIFIED THAT THE ABOVE MATERIALS ARE SATISFACTORY IN COMPLIANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONTRACT.)

総工場長 *Zhang Shijun*
(MANAGER OF QUALITY SYSTEM SECTION)

Q.C. Reviewed
2009/3/07